

Message Text

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PAGE 01 MOSCOW 09009 231113Z
ACTION EUR-12

INFO OCT-01 EB-07 ISO-00 /020 W
-----056066 231129Z /10

P R 231020Z JUN 77
FM AMEMBASSY MOSCOW
TO USDOC WASHDC PRIORITY
INFO SECSTATE WASHDC 9019
AMEMBASSY VIENNA

UNCLAS MOSCOW 9009

BEWT/TDAD (PIGGOT OR DOLLISON)

VIENNA FOR VONTILLIUS

E.O. 11652: N/A
TAGS: BEXP, UR
SUBJECT: SUBJECT: HIGH FREQUENCY INDUCTION EQUIPMENT

1. DURING ELECTRO '77, MR. YU. G. KORKIN, TECHNICAL
CHIEF OF THE VOLOGDIN ALL-UNION SCIENTIFIC RESEARCH
INSTITUTE FOR HIGH FREQUENCY CURRENT IN LENINGRAD,
REQUESTED TECHNICAL LITERATURE AND PRICES (FACTORY,
NOTED AS SUCH) FROM COMPANIES PRODUCING THE FOLLOWING
EQUIPMENT:

(A) HIGH FREQUENCY INDUCTION EQUIPMENT (MACHINE
GENERATORS, LAMP GENERATORS AND THYRISTOR GENERATORS),
PROVIDING HIGH FREQUENCY CURRENT FOR INDUCTION HEATING
OF METALS IN PREPARATION FOR BRAISING, HARDENING, WELDING,
(THE LATTER INTO PIPES AND ALSO VARIOUS CONFIGURATIONS),
SEALING, FORGING, STAMPING, AND ALTERING METAL STRUCTURES
THROUGH HEAT CHANGES. IMMEDIATE REQUIREMENTS FOR THESE
GENERATORS COVER A FULL RANGE OF HIGH FREQUENCY GENERATORS
SUITED FOR THESE APPLICATIONS.

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(B) HIGH FREQUENCY EQUIPMENT FOR THE INDUCTION
HEATING AND WELDING OF DIALECTRIC MATERIALS (LAMP
GENERATORS, THYRISTOR GENERATORS, IF SUCH ARE NOW IN
PRODUCTION FOR THIS APPLICATION) AND FULL RANGE OF
TECHNICAL ASSEMBLIES INCLUDING PRESSES, CONVEYORS
AND OTHER EQUIPMENT SUITABLE FOR APPLICATIONS AS FOLLOW:
DRYING, BONDING OR GLUING, WELDING, AND HEATING (PRIOR

TO PRESSING). MATERIALS MENTIONED WERE PLASTICS, CHEMICAL POWDERS, PAPER, CARDBOARD, AND "OTHERS."

2. PROJECTED PURCHASES OF BOTH TYPES OF EQUIPMENT ARE RELATED TO LARGE PROJECTS WITH PRIORITY FUNDING, AND SHORT LEAD TIME. PRESSED FOR TECHNICAL SPECIFICATIONS, MR. KORKIN INDICATED THAT NEARLY ANY TYPE OF THIS EQUIPMENT WAS BEING SOUGHT, AS LIMITED BY THE APPLICATIONS TO METALS AND TO DIALECTRICAL MATERIALS. HE CITED FOR EXAMPLE, A RANGE OF 0.1 KVT TO 1250 KVT IN EQUIPMENT FOR LATTER.

3. INSTITUTE MUST START REVIEW OF TECHNICAL LITERATURE AND PRICES BY MID-JULY IF POSSIBLE IN ORDER TO PURCHASE BEFORE DECEMBER.

4. ACTION REQUESTED: (A) SUGGEST CONTACT WITH NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION IN WASHINGTON D.C. AND NEW YORK AS PRIMARY SOURCE OF INFORMATION ON COMPANIES OF THIS TYPE. (NOTE THAT EUROPEAN COMPANIES AEG-ELOTHERM, BROWN BOVERI'S SWISS DIVISION #1, AND ASEA, A SWEDISH FIRM MANUFACTURING UNDER U.S. LICENSE ARE COMPANIES BEING SOUGHT BY THIS INSTITUTE; (B) MR. KHALIFA, PRESIDENT, PHELPS DODGE OVERSEAS CORP. (AT ELECTRO '77) SUGGESTED WE CONTACT MS. ETHEL BLAKE OF HIS OFFICE IN NEW YORK WITH REQUEST TO ASK MESSRS. UNCLASSIFIED

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ROSENFELD AND D. YEARLEY FOR NAMES OF P-D SUPPLIERS OF HIGH FREQUENCY INDUCTION EQUIPMENT; (C) HAVE ALL INTERESTED COMPANIES SEND TECHNICAL LITERATURE AND PRICES, ASAP, TO DEP DIR USCO THROUGH APO CHANNELS (MARK P.A.L. ON PACKAGE). TOON

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: n/a
Control Number: n/a
Copy: SINGLE
Sent Date: 23-Jun-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
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Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770224-0578
Format: TEL
From: MOSCOW
Handling Restrictions: n/a
Image Path:
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Legacy Key: link1977/newtext/t19770627/aaaaaxgk.tel
Line Count: 100
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 700acf77-c288-dd11-92da-001cc4696bcc
Office: ACTION EUR
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 02-Nov-2004 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2057824
Secure: OPEN
Status: NATIVE
Subject: SUBJECT: HIGH FREQUENCY INDUCTION EQUIPMENT
TAGS: BEXP, UR
To: COM
Type: TE
vdkgvwkey: odbc://SAS/SAS.dbo.SAS_Docs/700acf77-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009